

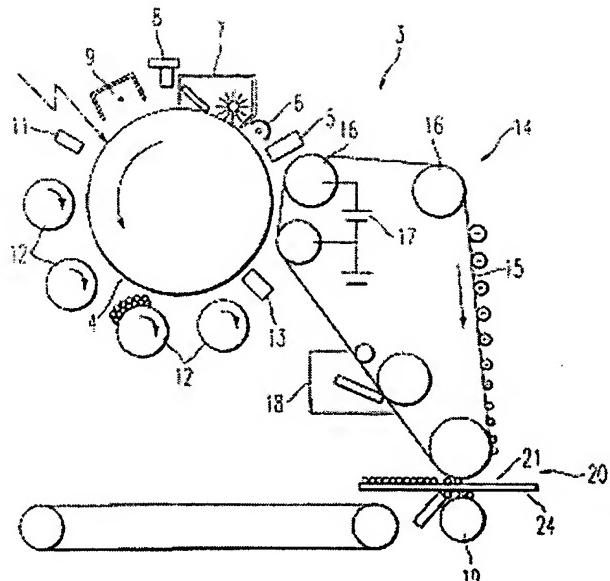
IMAGE FORMING DEVICE

Patent number:	JP10048968	Also published as:
Publication date:	1998-02-20	 US5926669 (A1)
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Classification:		
- international:	G03G15/16; G03G15/00; G03G21/00	
- european:		
Application number:	JP19960206699 19960806	
Priority number(s):	JP19960206699 19960806	

Abstract not available for JP10048968

Abstract of corresponding document: **US5926669**

An ordinary printing mode of forming an image and a transfer adjusting mode are provided and changed over. Under a condition of setting to the transfer adjusting mode, a pattern forming unit controls an exposing unit and thereby forms a toner image of a test pattern on a circumferential surface of a photosensitive body. A transfer controlling unit changes the transfer condition for electrostatically absorbing the toner image. An electric potential measuring unit measures a surface electric potential at a specified position. A condition detecting unit detects a condition of minimizing a rate "DELTA Vs/ DELTA T" of a variation DELTA T of the transfer condition and a variation DELTA Vs of the surface electric potential on the photosensitive body. A condition setting unit adjusts the transfer condition in the ordinary printing mode based on the above transfer condition, and thereby the transfer unit can be adjusted to an optimum state.



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Family list

3 family members for:

JP10048968

Derived from 2 applications.

1 IMAGE FORMING DEVICE

Publication info: **JP3568142B2 B2** - 2004-09-22

JP10048968 A - 1998-02-20

**2 Image forming apparatus and method of forming an image with
enhanced transfer condition settings**

Publication info: **US5926669 A** - 1999-07-20

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